

May 23, 2000

Ref: 07027.00

Anna Barry
Director of Railroad Operations
Massachusetts Bay Transportation Authority
45 High Street
Boston, MA 02110

Re: Drainage Report Submitted for Review and Approval for 150/200 Inner Belt Road
Somerville, MA

Dear Mrs. Barry,

On behalf of our client Cathartes Investments, Vanasse Hangen Brustlin, Inc. (VHB) is submitting a Drainage Report for stormwater management for the redevelopment of the plot of land at 150/200 Inner Belt Road in Somerville, MA. This report is for your review and approval by the Massachusetts Bay Transportation Authority (MBTA) of the proposed drainage system that will service the new redevelopment on the former railroad yard.

The existing drainage for the former railroad yard is a 24-inch diameter reinforced concrete pipe that currently flows to the Fitchburg Mainline Interceptor. This existing drainage system serves the former yard area at 150/200 inner Belt Road.

The proposed redevelopment, which will consist of two four-story buildings, parking facilities, utilities and a stormwater management system, is situated in the former rail yard of the Boston and Maine Corporation which abuts land currently owned by the Massachusetts Bay Transportation Authority (MBTA).

The existing and the proposed drainage discharge point for the site is the existing 24-inch-concrete pipe that flows from the project locus across the MBTA property to the Fitchburg Mainline Interceptor. At a meeting with Jody Ray of your organization on May 4, 2000 the design criteria for the stormwater system was established. It was agreed that the peak flow in the 24-inch diameter pipe would be less than the existing flow for the 2 and 10 year storm events and greater events would be mitigated by the proposed stormwater system.

The stormwater management design criteria for the proposed drainage system is also based on the Somerville Zoning Ordinance. The proposed drainage system will significantly reduce the peak discharge rates to the MBTA property.

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We would like to request a response by June 23, 2000 to enable the development process to move ahead in a timely manner. We appreciate your efforts in this matter and should you have any questions or concerns please call so that we can help expedite the review process.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

Bryan Lynch, PE
Asst. Chief Engineer

Richard Mathews, EIT
Project Engineer

cc: (with enclosures) Jody Ray
MBTA Railroad Operations Supervisor
32 Cobble Hill Road 2nd Floor
Somerville, MA 02143-4412